



Wintry Weather Wednesday-Thurs

January 4, 2022
6:38 AM

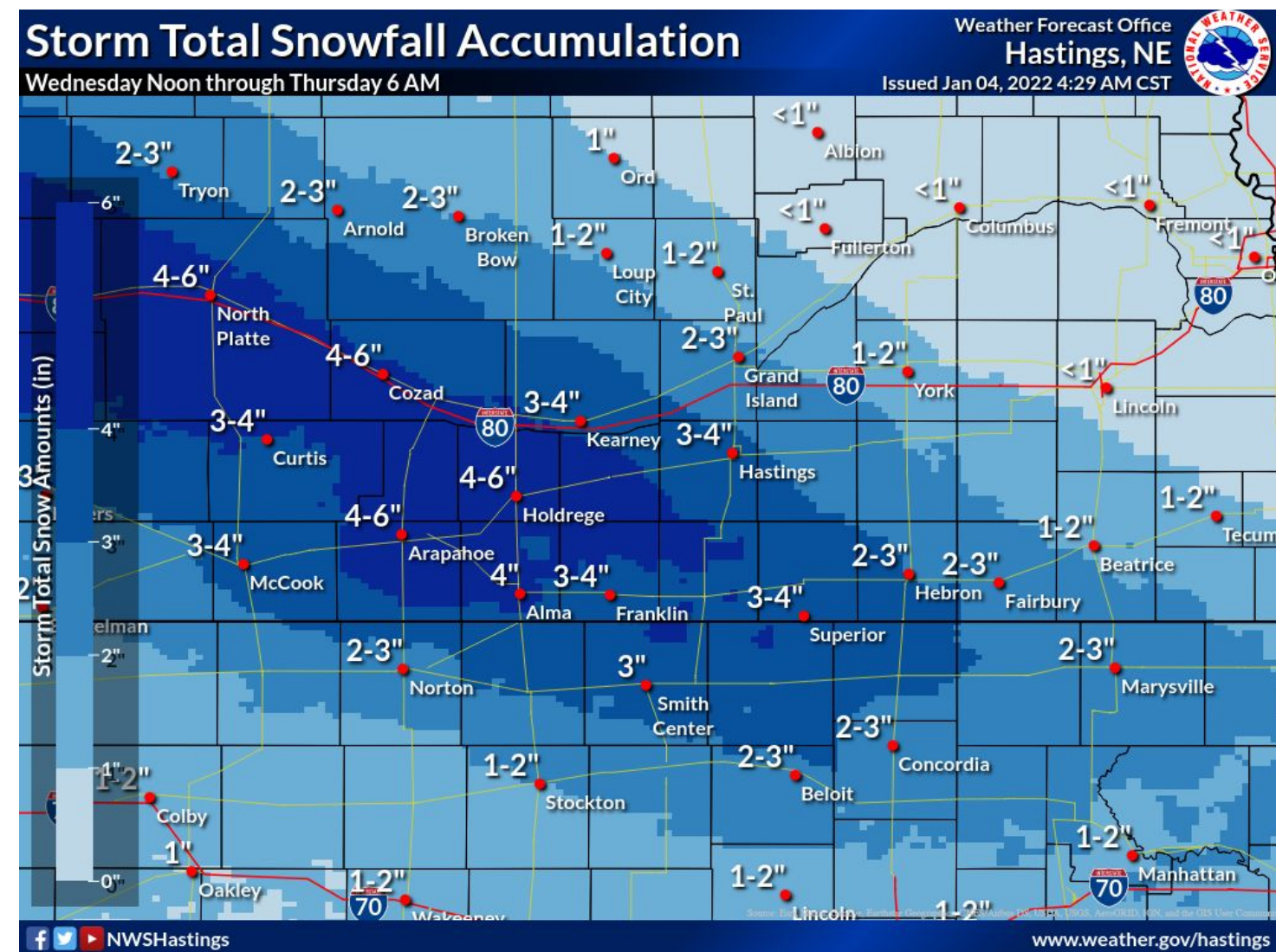
Accumulating Snow Possible - Mainly Across South Central Nebraska

Key Messages

- **What:** Snow and blowing snow. Very cold wind chill values.
- **Where:** Best chances for accumulating snow across south central Nebraska and west of Hwy 281. All areas will see bitter cold wind chills down to -25 degrees.
- **When:** Snow moves in NW to SE on Wednesday afternoon. Ends by dawn Thursday morning. Cold Thursday morning.
- **Hazards:** Light to moderate snow. At least some blowing snow and poor visibility due to North wind gusts around 25 MPH and dry snow, mainly Wednesday evening/night.
- **Impacts:** *Snow covered roadways and blowing snow will impact travel on Wednesday, including the evening commute! Lingering blowing snow & very cold wind chills will impact the Thursday morning commute.*

Monitor the latest forecast as updates/changes to location of the main snow band are likely!

Storm Total Snow Accumulation



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Forecast Confidence Levels

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Snow Amounts



Timing



Blowing Snow



Precipitation Type



Confidence Details

- Relatively high confidence that:
 - ◆ Timing will be Wednesday afternoon/ evening
 - ◆ Winds will gust 25-35 MPH from the N
 - ◆ Primary precipitation type will be all snow
- Exact location of main band of heaviest snow remains low confidence at this time. ***Forecast adjustments are likely!***

Alternate Scenarios

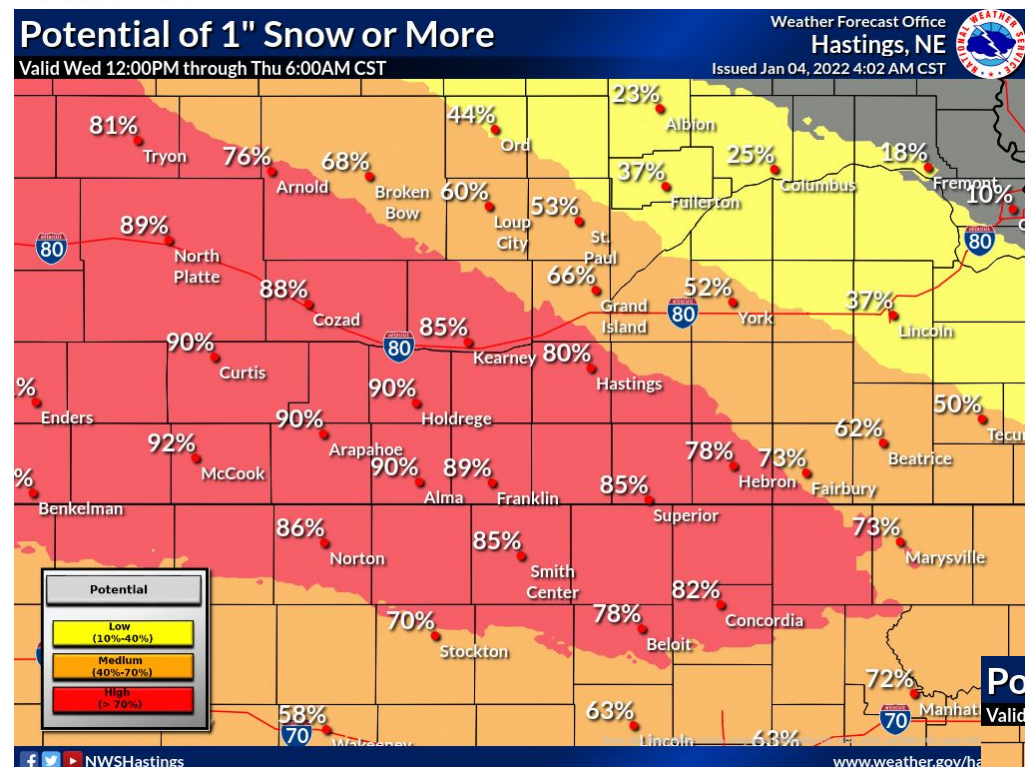
- ***Storm track could vary north or south which could lead to higher or low amounts of snowfall.***



Snowfall Potential

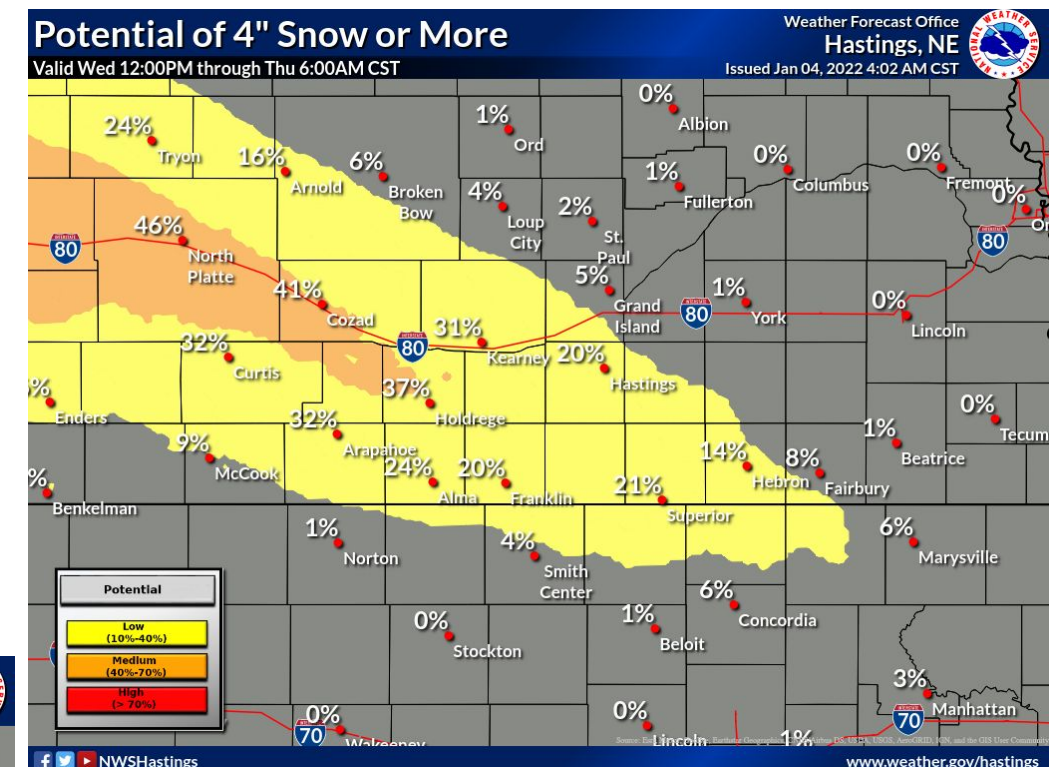
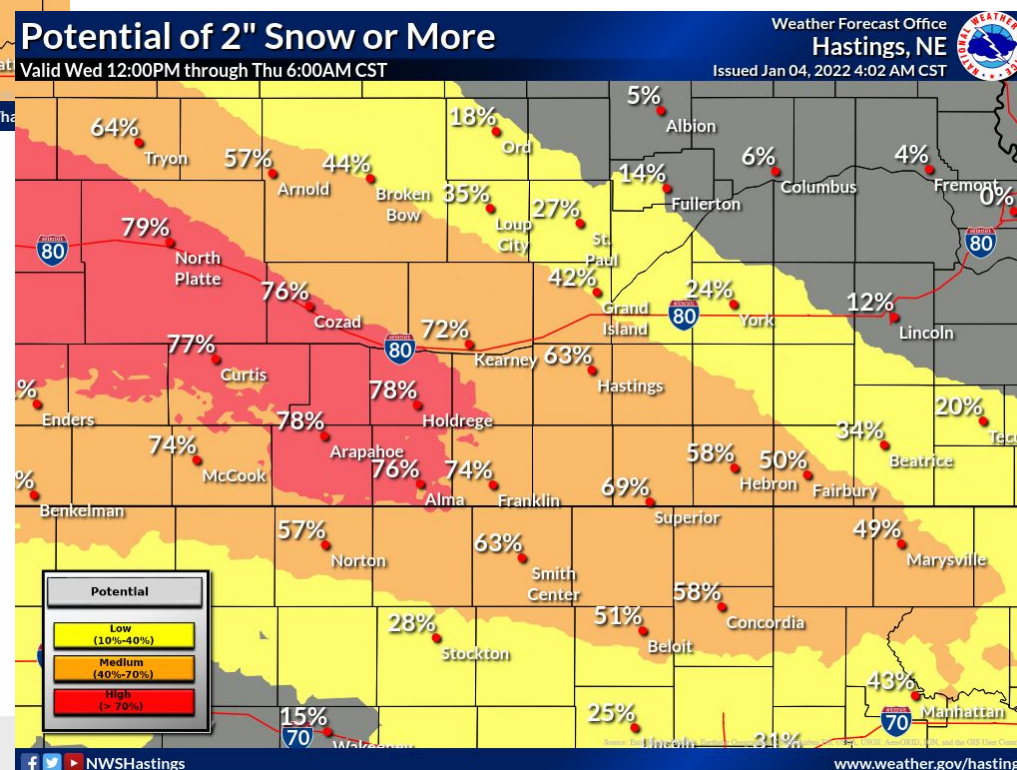
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Potential of 1", 2", 4" of Snow Accumulation



**Good chances for
accumulating
snow**

**Storms tracks from NW
to SE across the forecast
area. Highest chances for
2-4" of snow across
south central Nebraska
will be West of Hwy 281**



**Relatively LOW potential
for more than 4".
Borderline MEDIUM
potential near Dawson
County**



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Timing of Potential Hazards

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Graphical Hazard Matrix

	Wed 3 PM-9 PM	Wed 9 PM-3 AM	Thu 3 AM-9 AM	Thu 9 AM-3 PM	Thu 3 PM-9 PM	Thu 9 PM-3 AM
Snow Rate	Snow Impacts NW-W	Snow impacts SCNE	Snow impacts NE/NCKS	Snow Tapers off		
Blowing Snow	Evening commute		Morning Commute	Winds begin to diminish		
Ice	No Ice Expected					
Wind Chill		-5 to -24F	-13 to -25F	-17 to -25F	0 to -11F	-5 to -15F

Greatest impacts from snow, blowing and drifting snow, will be Wednesday, in particular, the afternoon & evening commute depending on location.

Cold Thursday Morning!

Impact Level	Little/None	Limited	Elevated	Significant	Extreme
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Cold Temperatures Thursday/Friday

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Wind chills of -15F to -25 possible

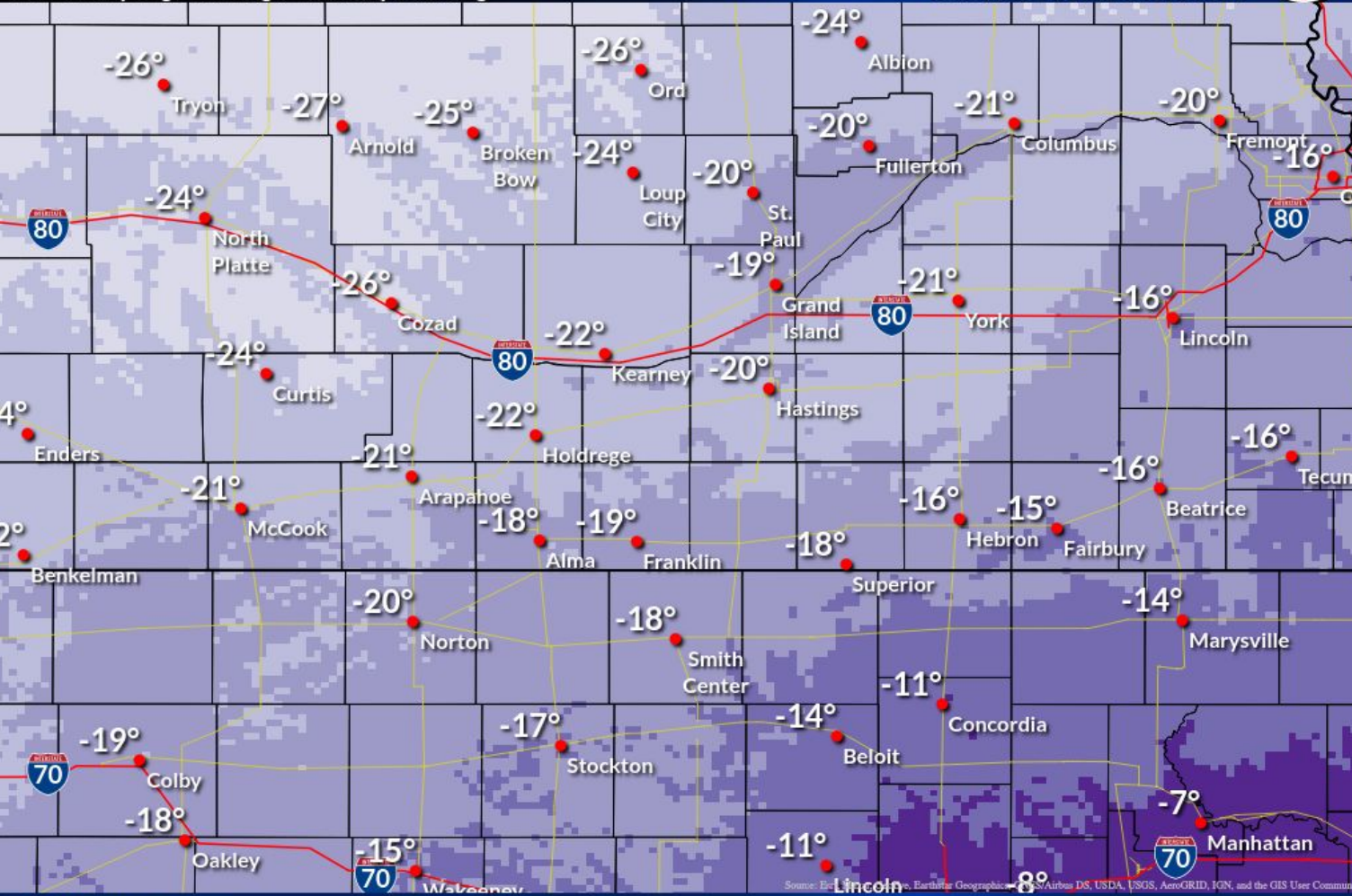
Thursday morning

Friday morning

Coldest Wind Chill Values

Wednesday Night through Thursday Morning

Weather Forecast Office
Hastings, NE
Issued Jan 04, 2022 4:43 AM CST



Source: Earthstar Geographics, NOAA/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

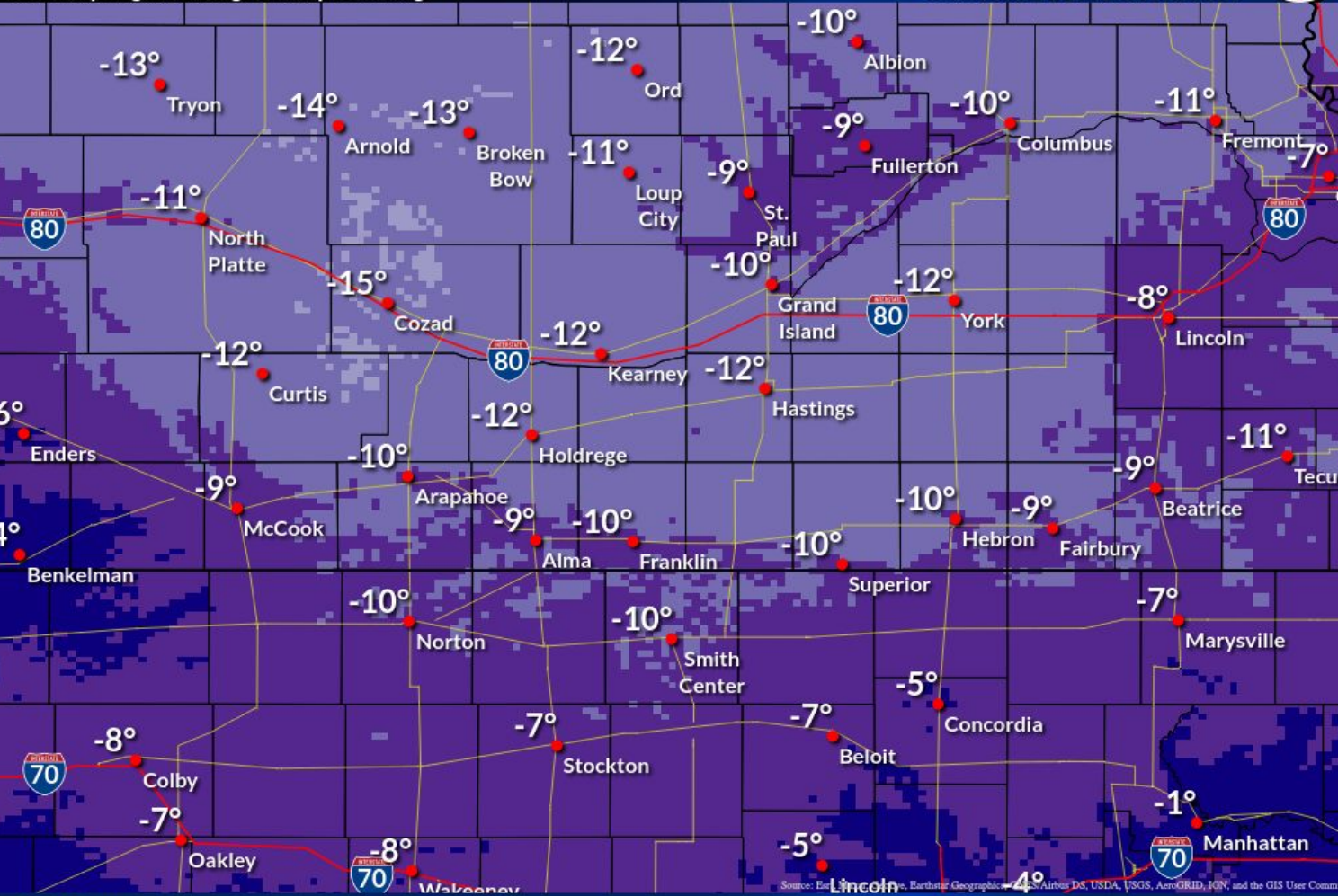
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Coldest Wind Chill Values

Thursday Night through Friday Morning

Weather Forecast Office
Hastings, NE
Issued Jan 04, 2022 4:48 AM CST



Source: Earthstar Geographics, NOAA/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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